DT05 Rec' T/PT0 1 4 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)	Examiner: not assigned
Christoph Leussler, et al.)	Art Unit: not assigned
<u>-</u>)	_
Serial No.: not assigned)	
)	
Filed: herewith)	
)	
Title: MR Device Provided with Differen	tly)	
Optimized RF Coil Arrays)	
)	Cleveland, Ohio 44143
Attorney Docket No.: PHDE020153US)	14 December, 2004

Information Disclosure Statement under 37 CFR 1.97(b)(2)

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Further to the concurrent filing of a US national application of PCT application PCT/IB03/02201, applicants enclose an Information Disclosure Statement under 37 CFR 1.97 (b)(2). Along with the foreign and article references, applicants also enclose a form PTO/SB/08A listing all references for the Examiner's convenience.

Applicants believe that no charge is due for the submission of this Information Disclosure Statement. However, please charge any necessary fees in connection with this submission to our Deposit Account No. 14-1270.

Respectfully submitted,

Thomas M. Lundin

Reg. No. 48,979

Philips Intellectual Property & Standards

595 Miner Road

Cleveland, Ohio 44143

Phone: 440-483-4281 Fax: 440-483-2452`

DT05 Rea CT/PTO 1 4 DEC 2004.

PTO/SB/08A (04-03) Approved for use through 04/30/2003, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet

(Use as many sheets as necessary)

Complete if Known **Application Number** unknown Filing Date herewith First Named Inventor Christoph Leussler **Art Unit** unknown **Examiner Name** unknown Attorney Docket Number PHDE020153US

· · · · · · · · · · · · · · · · · · ·	U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
	ļ <u>.</u>	Number-Kind Code ^{2 (# known)}			rigures Appear	
	Ì	US-				
		US-				
•		US-				
		US-				
	-	US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
	ļ — —	US-				
		US-				
		US-			- 	
	<u> </u>	US-		N. Jan. S. J.		

		FORE	<u>IGN PATENT DOCU</u>	MENTS		
Examiner Cite Initials* No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Т
		EP 0 390 476	10-03-1990	Fox		
		WO 98/21600	05-22-1998	Sodickson		L
		WO 99/54746	10-28-1999	Pruessmann		L
		WO 00/72034	11-30-2000	Van Den Brink		
		JP 9-206288	08-12-1997	Hirofumi		
						Г

Examiner	Date	- "
Signature	Considered	
	1	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

10/517929

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
D a collection of information unless it contains a valid OLD DT05 Rec

Substitute for form 1449/PTO	s are required to respond to a collection of information unless it contains a valid OMB control number of the		
Substitute for form (v.o.). To	Application Number	unknown	
INFORMATION DISCLOSURE	Filing Date	herewith	
STATEMENT BY APPLICANT	First Named Inventor Christoph Leussler		
(Use as many sheets as necessary)	Art Unit	unknown	
(636 to many sheets as hecessary)	Examiner Name	unknown	
Sheet 2 of 2	Attorney Docket Number	PHDE020153US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		GREENMAN, ET AL.; Bilateral Imaging Using Separate Interleaved 3D Volumes and Dynamically Switched Multiple Receive Coil Arrays; 1998; MRM;39:108-115.	
		KOCHARIAN, ET AL.; Simultaneous Image Acquisition Utilizing Hybrid Body and Phased Array Receiver Coils; 2000; MRM; 44:660-663.	
		PORTER, ET AL.; A Modular Time Domain Multiplexer for Large Array Magnetic Resonance Imaging; 1994; IEEE; 564-565.	
		PRUESSMANN, ET AL.; SENSE: Sensitivity Encoding for Fast MRI; 1999; MRM; 42:952-962.	
		STAPPERT, ET AL.; SENSE with Combined Surface-and-Volume-Coils for MRI; Research Disclosure No. 442016; 2001.	
		·	

Examiner	Date	
Signature	 Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.